

## **Amendments to the Claims:**

This listing of claim will replace all prior versions, and listings, of claims in the application:

### **Listing of Claim:**

Claim 1 (currently amended): An arrangement for using a single-phase or three-phase induction motor as a sensor to sense mechanical rotations ~~rotation~~ of said induction motor's rotor by utilizing a low-power alternating current generated in the stator winding or windings of said induction motor by mechanical rotation of the rotor of said induction motor at the time when ~~[[of]]~~ said induction ~~motor's driving electrical power~~ motor is completely disconnected from an electrical power supply, ~~said induction motor~~ ~~[[,]]~~ for the purpose ~~purposes~~ of a process control and/or display of rotations of said rotor ~~rotor's mechanical rotation~~ ~~[[,]]~~ comprising:

said single-phase or three-phase induction motor;

two sets of electromagnetically operated switches;

wherein first set of said electromagnetically operated switches ~~[[with]]~~

comprises at least one set of contacts in case of said induction motor ~~[[of]]~~ being a single-phase ~~[[type,]]~~ motor, or at least two sets of contacts in case of said induction motor ~~[[of]]~~ being a three-phase ~~[[type,]]~~ motor, wherein said first set of switches

opens ~~[[the]]~~ a low-impedance path for the ~~low-power~~ low-power alternating current, generated by the mechanical rotation of ~~[[the]]~~ said rotor ~~of said induction motor~~ in the absence of ~~its driving~~ said electrical power supply, to the source of said electrical power; ~~power and various transforming and/or driving elements thereof~~[[;]]

the second set of electromagnetically operated switches ~~[[with]]~~ comprising at least one set of contacts which closes in the event ~~[[of]]~~ said first set of electromagnetically operated switches having opened due to an electrical command ~~[[to it]]~~ or due to an electrical power outage, thus allowing ~~allows~~ for ~~[[the]]~~ routing of ~~aforementioned~~ said low-power alternating current generated by said induction motor ~~in aforesaid condition~~[[,]] as a signal to ~~[[any]]~~ said process control, ~~process-control device or equipment regardless of said signal's manifestation in the form of any and an alarm or display. display; whereas for complete electrical isolation between said alternating current signal produced by said induction motor in said condition and the source of said electrical power together with various transforming and/or driving elements thereof, the numbers of sets of contacts in aforesaid two numbers of sets of electromagnetically operated switches are incremented by one-apiece~~[[. ]]